

通用設計概念應用於大學校園環境規劃評價之初探

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摘要

Sustainable development has been the key concern of the 21 century following the reformation of educational system and the popularization of higher education, universities and colleges are to focus on both the role of delivering professional knowledge with training and the successful planning of the overall campus environment. In the past, campus environmental design has been emphasized on the hardware development, such as the building and engineering construction; there has been a lack of consideration regarding the interaction of user and the physical environment. Consequently, in order to promote the friendly interaction between user and the campus environment, this research employed the concept of universal design (UD) to investigate both the physical and emotional reactions of various users in the aim of providing practical design suggestions for future campus planning. University campus was selected to be the research object. Potential influential factors regarding the application of universal design concept in campus environmental planning was first compiled through literature review. The key influential evaluation factors will then be elicited applying the fuzzy Delphi method (FDM). Afterwards, the product performance program (PPP) will be adopted as evaluation method in the aim to incorporate relative users' consciousness and cognition as a reference for the development of future evaluation model.

關鍵字：universal design; university campus planning; fuzzy Delphi method (FDM)